

MSDS Report

Sample Description: 3D FILAMENTS

Model Number: YUMi

Trademark: YUMi

Applicant: Yumi Intelligent Manufacturing (Hangzhou) Co., Ltd

Address: NO.18 ZHENSHAN ROAD, CHANGKOU TOWN, FUYANG, HANGZHOU, ZHEJIANG, CHINA, 311400

Date Prepared: Jul. 23, 2018

*****For more detailed information, please refer to the next page*****

Tested by

Judy Zou



Approved by

Linhang

Lab: Shenzhen BCTC Testing Co., Ltd.

Add: BCTC Building & 1-2F, East of B Building, pengzhou Industrial, Fuyuan 1st Road,
Qiaotou Community, Fuyong Street, Bao'an District, Shenzhen, China
Tel : (86)0755-33229357 Fax : 0755-33229357

 Hotline
400-788-9558
www.bctc-lab.com.cn

MATERIAL SAFETY DATA SHEET

Section 1. Chemical Product and Company Identification

Products Name: 3D FILAMENTS

Model Number: YUMi

Trademark: YUMi

Manufacture Name: Yumi Intelligent Manufacturing (Hangzhou) Co., Ltd

Address: NO.18 ZHENSHAN ROAD, CHANGKOU TOWN, ,FUYANG,
HANGZHOU,ZHEJIANG, CHINA, 311400

Telephone No.: /

Fax: /

E-mail: /

Section 2. Composition/Information on Ingredients

Substance/preparation: preparation				
Chemical Name	Molecular	Percent of	CAS No.	EC NO.
Polylactic acid (PLA)	(C ₃ H ₆ O ₃) _x	90%-99%	26100-51-6	--
Maleic anhydride	C ₄ H ₂ O ₃	3%-6%	108-31-6	203-571-6
Ethylene Bis Stearamide	C ₃₈ H ₇₆ N ₂ O ₂	0.05%-0.1%	110-30-5	203-755-6

Section 3. Hazards Summarizing

Fatalness grade: In accordance with Regulation (EC) No. 1272/2008, the sample isn't divided into dangerous article.

Invasion route: eyes touch, ingestion

Health hazards: No known significant effects or critical hazards.

Environment hazards: No known significant effects or critical hazards.

Burn & burst danger: This product is not flammable.

Section 4. First Aid Measures

Skin touch: Not Applicable.

Eyes touch: Gently lift eyelids and flush continuously with water. If irritation develops, get medical aid.

Inhalation: Not Applicable.

Ingestion: Get medical aid.

Section 5. Fire Fighting Measures

Characteristic: This product is not flammable.

Hazardous combustion products: Not Applicable.

Fire-Fighting method & media: Not Applicable.

Firefighters special protective equipment: Not Applicable.

Section 6. Accidental Release Measures

Emergency treatment: Clean up spills immediately, using the appropriate protective equipment. Avoid generating dusty conditions. Provide ventilation.

Section 7. Handling and Storage

Handling: Wash thoroughly after handling. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation.

Storage: Store in a cool, dry, well-ventilated area away from incompatible substances.

Section 8. Exposure Controls/Personal Protection

Maximum admissible concentration: No standard yet

Monitoring Method: /

Engineering Control: Supply with sufficient partial air exhaust.

Respiratory Protection: No special protection under normal use.

Eyes Protection: No special protection under normal use.

Body Protection: No special protection under normal use.

Hands Protection: No special protection under normal use.

Other Protections: No smoking, dining and drinking water in the workplace. Keep good habit of hygiene.

Section 9. Physical and Chemical Properties

Appearance:	Solid
Color:	No data
Odor:	No data
Density:	No data
Solubility:	No data
Melting point:	No data

Section 10. Stability and Reactivity

Stability: Stable under normal temperature and pressure

Distribution of Ban: oxidizing agent

Conditions to Avoid: /

Hazardous Polymerization: /

Hazardous Decomposition Products: /

Section 11. Toxicological Information

Acute Toxicity: No known significant effects or critical hazards.

Sub-acute and Chronic Toxicity: No known significant effects or critical hazards.

Irritation: No known significant effects or critical hazards.

Sensitization: No known significant effects or critical hazards.

Mutagenicity: No known significant effects or critical hazards.

Carcinogenicity: No known significant effects or critical hazards.

Others: /

Section 12. Ecological Information

Eco-toxicity: No known significant effects or critical hazards.

Biodegradable: No applicable.

Non-biodegradable: No applicable.

Bioconcentration or biological accumulation: No applicable.

Other harmful effects: No known significant effects or critical hazards.

Section 13. Disposal Considerations

Nature of waste: This product is not regarded as hazardous waste.

Waste disposal methods: Refer to National or Local regulations before handling.

Attention abandoned: No applicable.

Section 14. Transport Information

Number of dangerous goods: No applicable.

UN Number: No data.

Packaging Mark: No data.

Packaging Method: No data.

Transport Attentions: Examine whether the package of the containers are integrate and tighten closed before transport. No divulgence, no collapse, no precipitation or no damage during the course of transportation. Don't put the goods together with oxidizer, acid and so on. The transport vehicle and ship must be cleaned and sterilized otherwise it is not allowed to assemble articles. During transport, the vehicle should prevent exposure, rain and high temperature. Under the condition of Road Transportation, the driver should drive in accordance with regulated route, don't stop over in the residential area and congested area. No slipping up in rail road. The sample is not regulated for transport of dangerous goods.

Section 15. Regulatory Information

Regulatory Information:

ISO 11014-2009 Safety data sheet for chemical products - Content and order of sections.

Regulation (EC) No. 1272/2008 Classification, Labelling and Packaging of Substances and Mixtures.

Section 16. Other Information

The above information is based on the data of which we are aware and is believed to be correct as of the data hereof. Since this information may be applied under conditions beyond our control and with which may be unfamiliar and since data made available subsequent to the data hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

***** End of MSDS *****